

## INTERNATIONAL SEARCH REPORT

International Application No PCT/EP 03/02302
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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G06F3/033 G06K11/18
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According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06F G06K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/015718 A1 (BATHICHE STEVEN N ET AL) 23 August 2001 (2001-08-23) paragraphs '0065!, '0066! paragraphs '0075!, '0076! paragraph '0108! paragraphs '0151!-'0167! figures 15,16,18B	1-12
A	EP 0 869 343 A (MATSUSHITA ELECTRIC IND CO LTD) 7 October 1998 (1998-10-07) column 4, line 48 -column 9, line 43 figures 1-12	1,4,11

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
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- \*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*&\* document member of the same patent family

Date of the actual completion of the international search  28 May 2003	Date of mailing of the international search report  04/06/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  Baldan, M

## INTERNATIONAL SEARCH REPORT

Information on patent family members

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